

AUTOMATIC BRAKING SYSTEM FOR EQUIPPING IN AUTOMOBILES, CARS, TRUCKS, MOTORCYCLES, TRAINS AND ALL VEHICLES..

BACKGROUND OF THE INVENTION

It came from my imagination in the field of invention since traffic accident often happens where it costs human lives daily even if people find unsafely crossing the streets. My imagination turns to develop step by step certain technical components related to my invention and I finally discover the structure of my invention by braking a car automatically through modern technical operation.

SUMMARY OF THE INVENTION

Automatic braking system owns its fundamental elements and structure.

Automatic braking system is for equipping in automobiles, cars, trucks, motorcycles, trains and all vehicles..

The advantages of the invention are to prevent killing, hurting human beings and damaging materials from traffic accidents.

The system composes of sensor(s)/radar(s) or equivalent equipment, motor, triangle wheel or multiple-angle wheel, inner triangle wheel, iron lock switches or similar locking device, spring, ball bearing, pin, extension at upper part of pedal, electric wires, button, contact for driver use, sonorous signal lamp, frame with moving ball, support strong springs.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 : Triangle wheel is equipped with motor at its braking unit

FIG. 2 : Different views of the invention

FIG. 3 : Entire braking system network

FIG. 4 : Electrical circuit

FIG. 5 : Braking system network

FIG. 6 : Sonorous signal lamp and its function

DETAILED DESCRIPTION OF THE INVENTION

FIG. 3 shows the entire braking system network and electrical circuit of the control unit 14. FIG. 4 is a diagram of electrical connection of driver's contacts 13 to sonorous signal lamp 12, braking system standby 15 B1 and braking system movement 15 B2.

This invention creates structure of Automatic braking system of its fundamentals for purpose of stopping traffic accident for vehicle in case of emergency.

FIG. 5 ; sensor(s) or radar (s) 11 which has heating system against snow is for equipping in front of a car to detect front car to stop collision or to detect person crossing a street accidentally at certain distance while a car is running, the sensor(s)11 reacts to the braking motor on immediately to brake the car by itself automatically 7B.

FIG. 2 ; the motor 2 runs by car electric power, its axis is equipped with a triangle wheel. Whenever the triangle wheel 3 turns to its edge point pressing at the opposite side of upper pedal 1, it is the moment it brakes the car 7B as if a driver brakes his pedal at the lower part. Brake will be released while flat part of this wheel touches the upper pedal 7A as a driver releases his foot off the pedal. There is a ball bearing 5 with pin 4 fixed firmly at the surface of wheel nearby its flat part corner where a spring 6 is fastened from pin 4 to a moving ball 10 of motor frame 8 pulling the wheel at the right position after each spin so as to unlock the brake. We set three iron lock switches 17 (to turn motor off) or similar locking device inside the motor to lock at edge points of an inner triangle wheel 16 at braking position. FIG. 4 ; the button 13C is utilized to switch the motor on rotating to release the brake C.

FIG. 2 ; an extension at upper part 1 of a normal pedal is needed for a triangle wheel 3 to brake on it at the opposite side.